

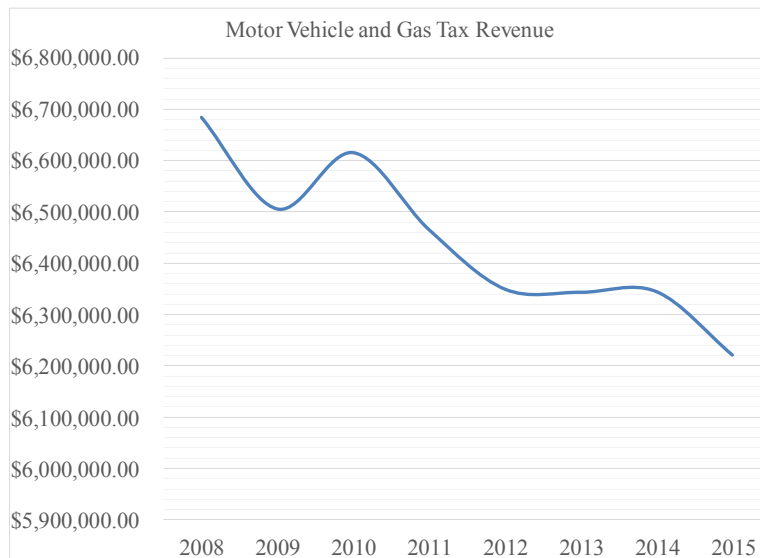
# 2015 Annual Report



Honorable Board of Clark County Commissioners  
and the Citizens of Clark County

## 5543.02 Annual Report

*The County Engineer shall report to the Board of County Commissioners, on or before the first day of June in each year, the condition of the county roads, bridges, and culverts, and estimate the probable amount of funds required to maintain and repair or to construct any new roads, bridges, or culverts required within the county.*



Johnathan A. Burr, P.E., P.S.  
Clark County Engineer

We continue to face funding challenges in this office. Material prices continue to increase while funding levels decrease. We have received several million dollars in grant money for roads and bridges however that does not offset the cost for general maintenance. This office is funded solely by gas tax and license

plate fees only. We do not receive any income tax, property tax, or sales tax. As you can see, the revenue continues to drop as less vehicles are registered and fuel mileage of vehicles is increasing and alternative fuel vehicle use is increasing.

On a positive note, we currently have no load reduced bridges in the county. This is due to the fact that we have replaced or completed major rehabilitations on over 50 of our 238 bridges in the past 7 years.

Material	2003	2015	Change
Asphalt (404)	\$26.90	\$61.50	129%
Salt	\$33.20	\$71.67	116%
Gravel (8s)	\$7.75	\$15.23	97%
Concrete ODOT Class C	\$58.00	\$88.00	52%
Guardrail	\$31.15	\$70.00	125%
12" Corrugated Metal Pipe	\$4.69	\$9.67	106%
12" Reinforced Concrete Pipe	\$6.55	\$9.95	52%
12" Plastic Dual Wall Pipe	\$2.42	\$4.49	86%
Laborer Benefitted Rate	\$24.02	\$33.91	41%

# Bridges

## CONTRACTED / GRANT ASSISTED

2015



### New Carlisle Pike Bridge No. 1204

*95% state funding / 5% local*

This project replaced an aging 96-foot span steel truss bridge on New Carlisle Pike over Honey Creek just east of the city of New Carlisle. The former bridge was constructed in 1958 and was in need of full replacement.

This improvement was completed by R. B. Jergens, Inc..

2016

### Lower Valley Pike Bridges

*90% federal funding up to \$8,072,625.24 / 10% OPWC*

As part of the overall corridor safety project, Bridge No. 1228 over Jackson Creek, Bridge No. 1229 over Donnel's Creek, and Bridge No. 1230 over Minich Ditch were replaced in order to correct the roadway alignment, cross slope, and width. This project is still in progress and is expected to be complete by June 2016.

### Moorefield Road Bridge No. 447

*100% state funding / \$660,000*

This project will replace an aging steel truss bridge on Moorefield Road over Buck Creek. Funding is provided through the Ohio Bridge Partnership Program. Awarded to Bumbaugh Construction, Inc., and will be completed in September 2016.

## Force Account

### Newlove Road Bridge No. 825

*95% federal funding up to \$1,070,650*

This project will replace an aging steel truss bridge on Newlove Road over Beaver Creek. Funding is provided through the County Engineer's Association of Ohio.

### Old Columbus Road Bridge No. 1057

*74% OPWC funding up to \$525,400*

This project will replace an aging steel truss bridge that has been repaired several times and is now in need of full replacement. Construction is expected to start in March 2017.

### Springfield Xenia Road Bridge No. 1076

*80% federal funding up to \$780,000*

*20% local*

The project will rehabilitate Bridge 1076 over Mill Creek by replacing the existing concrete slab with a new superstructure on modified abutments. Construction is expected to start in 2019.

Future

2015	2016
Replacements	
Old Route 42 Bridge No. 1651	Buffenbarger Road Bridge No. 1637
Hustead Road Bridge No. 1455	Columbus Avenue Bridge No. 1063
Old Springfield Road Bridge No. 1804	
Tarbutton Road Bridge No. 613	
Catawba-Mechanicsburg Road Bridge No. 646	
Rehabilitations	
Folk Ream Road Bridge No. 62	Union Road Bridge No. 1245
	Mitchell Road Bridge No. 1034
	Baldwin Lane Bridge No. 445

# Roadway Projects

## CONTRACTED / GRANT ASSISTED

### Dayton Road Resurfacing

*80% federal funding up to \$1,700,000 / 20% local*

This project provided roadside drainage improvements, reconstructed berms, asphalt concrete resurfacing and joint repair, new pavement markings, and raised pavement markers for improved safety. The project extends from the Village of Enon to the Springfield Corporation limits near Innisfallen Avenue. The improvement was completed by Barrett Paving Materials, Inc.

### Lower Valley Pike

*90% federal funding up to \$8,072,625.24 / 10% OPWC*

Based on the high amount of crashes along Lower Valley Pike from Osborn Road to Enon Road, the County has received federal safety funds to provide countermeasures along the corridor. Those measures include installation of a 2-foot paved shoulder laterally along the entire corridor where speed limits exceed 35 mph (except Medway); and the installation of 4-foot stabilized/paved shoulder within 250 foot on all approaches at the 7 unsignalized intersections on the corridor. As a result of the proposed countermeasures, it was necessary to address the width and alignment of 3 bridges located along the corridor.

### Fairfield Pike Resurfacing

*50% OPWC funding up to \$400,000 / 50% local*

The project resurfaced Fairfield Pike from Springfield-Xenia Road to Hunter Road in Enon, including new pavement markings, raised pavement markers, and aggregate berms. The improvements were completed by A & B Asphalt Corporation.

### Derr Road

*80% federal funding up to \$4,887,000 / 20% local*

The project will install a traffic signal at Derr Road and Montego Drive, add a right-turn lane at Kingsgate Drive, 5 foot berm for bike lane, and replace storm sewer north of State Route 334. Construction is expected to start in 2016.

### Croft Road

*80% federal funding up to \$990,000 / 20% local*

The project will include shoulder widening, left-turn lane construction at Robert Eastman Road, bike lane from S.R. 4 to bike path, curb and gutter upgrades, road resurfacing, pavement markings, minor bridge deck rehabilitation and guardrail improvements on the eastern portion of Croft Road from State Route 4 to Columbus Avenue. Construction is expected to start in 2018.

### Springfield Xenia Road

*80% federal funding up to \$780,000 / 20% local*

The project will rehabilitate 2.1 miles of Springfield Xenia Road from State Route 68 to the City of Springfield Corporation Line including Bridge No. 1076. Construction is expected to start in 2019.

### Guardrail Upgrades

*100% federal funding up to \$300,000*

This safety project funded by the County Engineer's Association of Ohio will install guardrail along various county routes. Construction is expected to start in 2019.

## 2015 CONTRACTED / LOCAL FUNDS

### Resurfacing

*Locally funded contract: \$1,551,221.88*

Clark County along with Bethel, German, Harmony, Mad River, Moorefield, Springfield Townships, Village of Enon, Village of South Vienna, Clark County Fairgrounds, and Clark County Utilities participated in a cooperative bid to resurface approximately 18 miles of roadway. The contractor for the project was A & B Asphalt Corporation, and the County's portion of the contract was \$171,151.77.

### Pavement Marking

*Locally funded contract: \$184,447.27*

The 2015 Pavement Marking Contract consisted of approximately 154 miles of county roads and 60 miles of township roads and secondary markings located within Clark County, Ohio. The project was contracted as a cooperative bid, including Clark County, Bethel, German, Mad River, Moorefield, Pike, and Springfield Townships. The contractor for the project was AeroMark of Streetsboro, Ohio. Clark County's share of the contract was \$148,372.25.

2015

2016

Future

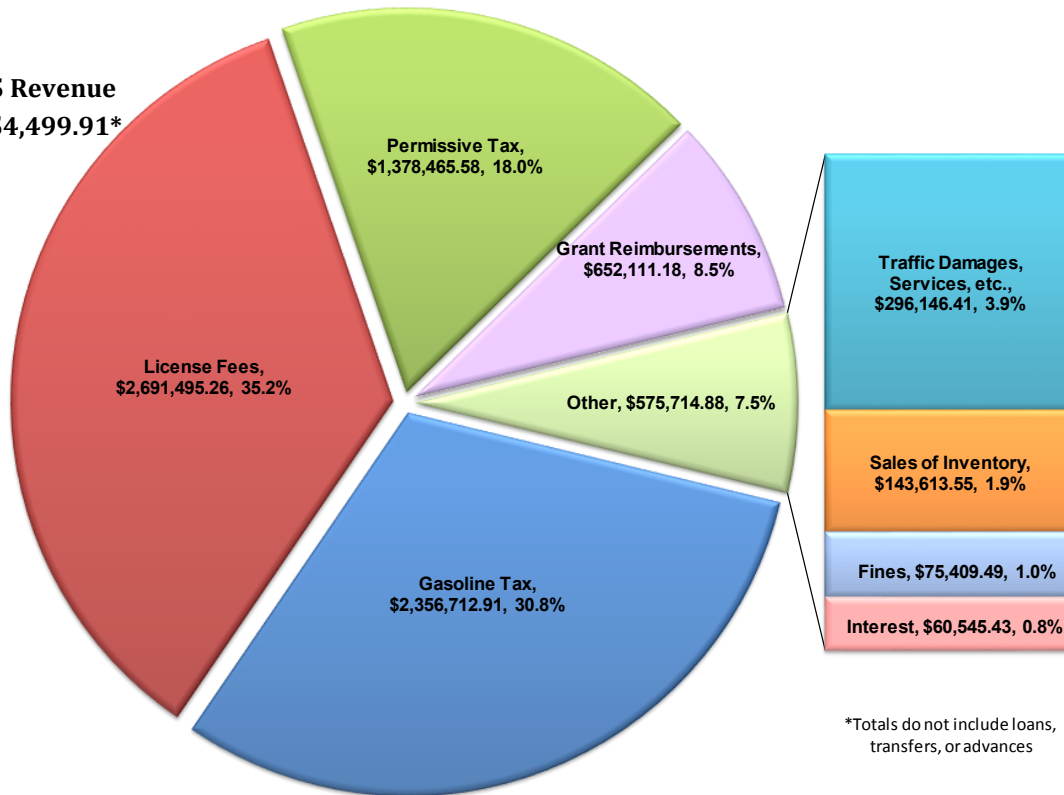
## ANNUAL MAINTENANCE

308.386 Miles of Roadway	238 Bridges
Tree Trimming	Ditch Maintenance
Roadside Mowing	Street Sweeping
Chip & Seal: 38.67 Miles	Fog Seal: 38.67 Miles
Crack Seal	

## ASSISTING OTHER AGENCIES

Bethel Township  
Drainage  
Improvement CDBG  
Project  
\$59,210

**2015 Revenue**  
**\$7,654,499.91\***



\*Totals do not include loans, transfers, or advances

<b>2015 Expenses</b>	Payroll	\$ 2,116,511.84
	Fringes	\$ 906,811.19
	Supplies / Print	\$ 19,785.27
	Education / Memberships	\$ 3,128.67
	Salt / Asphalt / Emulsion / Gravel, Etc.	\$ 1,031,296.48
	Land Acquisition	\$ 157,210.40
	Equipment	\$ 216,724.09
	Contract Services / Design	\$ 255,979.58
	Contract Projects / Construction	\$ 892,388.72
	Miscellaneous / Utilities	\$ 115,947.75
	Diesel / Gasoline	\$ 264,057.38
	Garage / Equipment Repair	\$ 227,148.56

\*Totals do not include loans, transfers, or advances  
**\$ 6,206,989.93 \***

## Snow Removal

### 2015

Mixed Grits \$46.37 / ton  
Salt \$80.21 ton  
Must Purchase  
4,500 tons min / 5,500 tons max

### 2016

Mixed Grits \$46.37 / ton  
Salt \$71.77 ton  
Must Purchase  
3,600 tons min / 4,400 tons max